

TARGHEE, INC.

ENVIRONMENTAL CONSULTING

F

August 8, 2005

Mr. Carl Duarte
Circe Properties, LLC
18516 Pioneer Boulevard, Suite 201
Artesia, California 90701

Re: Quarterly Groundwater Monitoring Report
June 2005
18529 Pioneer Boulevard
Artesia, California 90701
File No. R-40362

Dear Mr. Duarte:

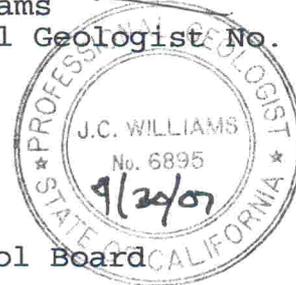
Targhee, Incorporated is pleased to provide you with the following Quarterly Groundwater Monitoring Report - June 2005.

Targhee appreciates this opportunity to be of service and looks forward to working with you again.

Sincerely,

Debra Bechtold
Registered Environmental Assessor II
No. 20172

James C. Williams
CA Professional Geologist No. 6895



enclosure

cc: Mr. Noman Chowdhury
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

QUARTERLY GROUNDWATER MONITORING REPORT
JUNE 2005

FORMER GASOLINE SERVICE STATION
18529 Pioneer Boulevard
Artesia, California 90701
File No. R-40362

August 8, 2005

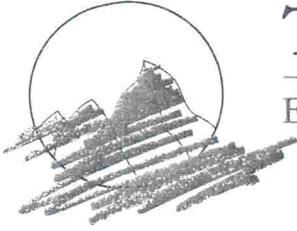
Submitted by:

Targhee, Incorporated
110 Pine Avenue, Suite 925
Long Beach, California 90802
(562) 435-8080
www.targheeinc.com

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
SITE INFORMATION	1
BACKGROUND	1
GROUNDWATER SAMPLING	1
HYDROGEOLOGY	2
GROUNDWATER ANALYTICAL RESULTS	3
WASTE DISPOSAL	4
DISCUSSION OF RESULTS	5
CONCLUSIONS AND RECOMMENDATIONS	5

Site Plot Plan	Attachment A
Well Sampling Data Logs	Attachment B
Groundwater Conditions	Attachment C
Groundwater Laboratory Analysis	Attachment D
Non-Hazardous Waste Manifest	Attachment E



TARGHEE, INC.

ENVIRONMENTAL CONSULTING

QUARTERLY GROUNDWATER MONITORING REPORT JUNE 2005

18529 Pioneer Boulevard
Artesia, California 90701
File No. R-40362

INTRODUCTION

This report details Targhee, Incorporated's activities and findings with respect to the property located at 18529 Pioneer Boulevard, Artesia, California 90701 (Attachment A - Site Plot Plan). The work was performed pursuant to your correspondence dated February 25, 2004.

SITE INFORMATION

The southeast corner of this property was formerly occupied by a gasoline service station. The subject site, in conjunction with adjacent properties, is currently being redeveloped as a multi-story retail center.

BACKGROUND

Targhee conducted a soil and groundwater investigation in July 2003 following the discovery and removal of petroleum hydrocarbon-impacted soil in the vicinity of a former dispenser island near the southeast corner of the subject site. The results of this investigation were provided to the California Regional Water Quality Board, Los Angeles Region ("CRWQCB") in Targhee's Underground Storage Tank Investigation Report for the Former Gasoline Service Station at 18529 Pioneer Boulevard, Artesia, California 90701, dated July 30, 2003. Please refer to this report for additional background information.

GROUNDWATER SAMPLING

Groundwater samples were obtained from each of the three wells on June 1, 2005. During the purging of each well, measurements of pH, temperature, conductance and turbidity were obtained. Copies of the well sampling data logs are provided as Attachment B.

Once the measurements stabilized to within 10% of the previous readings over a groundwater withdrawal period of three-to-five well volumes, the groundwater samples were collected. Each groundwater sample was obtained using a dedicated disposable PVC bailer. The *groundwater samples were collected into new sample containers appropriate for the analytical methods requested. The samples were immediately transferred to an iced cooler. Standard sample

GROUNDWATER MONITORING REPORT-JUNE 2005

18529 Pioneer Boulevard
Artesia, California 90701
August 8, 2005
Page 2

handling procedures and chain-of-custody documentation were maintained on all groundwater samples.

HYDROGEOLOGY

The subsurface soils at the site were determined from the July 2003 investigation and the current groundwater investigation. Three lithologic units can be characterized within the uppermost 27 feet of the subsurface, and they are described below.

The uppermost unit consists of a somewhat variable mixture of sand, sand with silt and silty sand horizons. The unit appears to be generally massive, and bedding structures are vague. This unit extends to a depth of about 12 to 17 feet below ground surface ("bgs"). The sands are brown to olive brown in color above the groundwater table, and change to dark gray to dark grayish brown below the groundwater table.

The uppermost sand unit grades downward into a silty sand unit. This unit is characterized by a dark grayish brown to dark olive brown silty sand containing as much as 40% fine silt and clay. This unit extends from beneath the sand unit to a depth of about 23 feet bgs. The silty sand, which is present below the groundwater table, does not appear to be strongly impacted by hydrocarbons.

An olive brown silty clay underlies the silty sand unit at a depth of about 23 feet bgs. This unit extends to a known depth of about 27 feet bgs at the site. The silty clay appears to act as a confining layer at the base of the groundwater table at the site. In summary, the groundwater zone is about 14 feet in thickness and appears to be perched on a silty clay which is present at about 23 feet bgs and acts as a confining layer to the downward movement of groundwater to the major aquifers underlying the clay.

The monitoring well casing elevations in feet above mean sea level ("msl") for wells MW1 through MW3 are listed below.

<u>Well No.</u>	<u>Casing Elevation</u>	<u>Depth to Groundwater</u>	<u>Groundwater Elevation</u>
MW1	52.09'	6.625	45.465
MW2	51.99'	6.31	45.68
MW3	51.44'	5.95	44.49

GROUNDWATER MONITORING REPORT-JUNE 2005

18529 Pioneer Boulevard
Artesia, California 90701
August 8, 2005
Page 3

Based on the survey data, the groundwater is flowing south and southwest at a gradient of 0.015 and 0.006 feet/foot along the east and west property boundaries, respectively (Attachment C - Groundwater Conditions).

GROUNDWATER ANALYTICAL RESULTS

The groundwater samples collected on June 1, 2005 were analyzed for Total Volatile Petroleum Hydrocarbons ("TVPH") using EPA Method 8015m for gasoline; and Volatile Organic Compounds ("VOCs") including Benzene, Toluene, Ethylbenzene, Xylenes ("BTEX") and Methyl Tertiary Butyl Ether ("MTBE") with other oxygenates using EPA Method 8260B. The groundwater samples were also analyzed for the natural attenuation parameters of oxidation reduction potential, nitrate, sulfate, ferrous iron, carbon dioxide, methane and dissolved oxygen. The results of the groundwater sample analysis are provided below. None detectable concentrations are identified as "ND".

**Groundwater Sample Results
($\mu\text{g/L}$)**

Well No.	Date	TVPH	B/T/E/X	MTBE
MW1	05/26/04	ND	ND/ND/ND/ND	ND
	09/08/04	ND	ND/ND/ND/ND	ND
	12/06/04	ND	ND/ND/ND/ND	ND
	03/09/05	ND	ND/ND/ND/ND	ND
	06/01/05	ND	ND/ND/ND/ND	ND
MW2	05/26/04	ND	ND/ND/ND/ND	ND
	09/08/04	ND	ND/ND/ND/ND	ND
	12/06/04	ND	ND/ND/ND/ND	ND
	03/09/05	ND	ND/ND/ND/ND	ND
	06/01/05	ND	ND/ND/ND/ND	ND
MW3	05/26/04	530	ND/ND/ND/116	ND
	09/08/04	11,500	32/ND/ND/2,350	ND
	12/06/04	75	1.6/ND/ND/ND	ND
	03/09/05	ND	ND/ND/ND/ND	ND
	06/01/05	ND	ND/ND/ND/ND	ND

Monitoring well MW1 contained 1,1-dichloroethane and 1,1-dichloroethene at concentrations of 1.2 and 3.3 $\mu\text{g/L}$.

GROUNDWATER MONITORING REPORT-JUNE 2005

18529 Pioneer Boulevard
 Artesia, California 90701
 August 8, 2005
 Page 4

Natural Attenuation Parameter Results

Well No./ Date	ORP	DO	N	S	pH	Fe	CH ₄	CO ₂
MW1								
05/26/04	-65	1.83	19.8	493	7.29	ND	ND	21,700
09/08/04	-80.1	1.50	24.7	458	7.12	ND	ND	17,600
12/06/04	4.60	1.92	19.4	587	6.75	ND	ND	18,100
03/09/05	46.7	1.53	16.3	551	6.67	ND	ND	24,000
06/01/05	84.2	1.19	9.56	535	6.95	ND	ND	187,000
MW2								
05/26/04	-85.6	1.54	26.6	265	7.31	ND	ND	28,100
09/08/04	-102	1.45	29	293	7.19	ND	ND	21,900
12/06/04	9.10	1.72	22.7	335	6.70	ND	ND	16,600
03/09/05	56.7	1.45	25.5	361	6.67	ND	ND	15,700
06/01/05	101	1.10	48	250	7.25	ND	ND	129,000
MW3								
05/26/04	-93.1	1.09	14.4	221	7.23	ND	2.74	33,300
09/08/04	-110	0.92	6.02	127	6.95	1.27	7.84	61,000
12/06/04	7.20	1.39	15.1	311	6.81	ND	ND	15,200
03/09/05	58.5	1.52	25.8	336	6.67	ND	ND	15,700
06/01/05	95.9	1.19	18.7	280	7.08	ND	ND	182,000

ORP Oxidation Redox Potential, EPA Method SM2580B (mv)
 DO Dissolved Oxygen, EPA Method 360.1 (mg/l)
 N Nitrate, EPA Method 352.1 (mg/l)
 S Sulfate, EPA Method 375.4 (mg/l)
 Fe Ferrous Iron, EPA Method SM3500-FE-D (mg/l)
 CH₄ Methane, EPA Method RSKSOP-175 (µg/L)
 CO₂ Carbon Dioxide, EPA Method RSKOP-175 (µg/L)

American Scientific Laboratories, California DHS ELAP #2200, performed the groundwater analyses. The laboratory analytical reports are included as Attachment D.

WASTE DISPOSAL

Purge water was placed in a 55-gallon drum and transported by K-Vac of Rancho Cucamonga, California to K-Pure, 8910 Rochester Avenue, Rancho Cucamonga, California 91730 for recycling. The appropriate non-hazardous waste manifest was completed and is included as Attachment E.

DISCUSSION OF RESULTS

The groundwater elevation has increased approximately 1.5 feet, and the groundwater gradient has changed from west to south since July 2004.

The minor concentrations of TVPH and benzene identified in July and September 2004 at well MW3 (located in the suspected source area) have decreased to non-detectable concentrations. No detectable concentrations of contaminants are or have been present in the two other monitoring wells on site.

Other contaminants of concern (*i.e.*, BTEX, MTBE and other oxygenates) are not present in any of the monitoring wells.

All groundwater samples were analyzed for natural attenuation parameters. The increasing concentration of carbon dioxide indicates aerobic degradation and evidence of natural attenuation. The increase in oxidation reduction potential, from negative to positive, and the absence of contaminants confirm that the degradation process is complete.

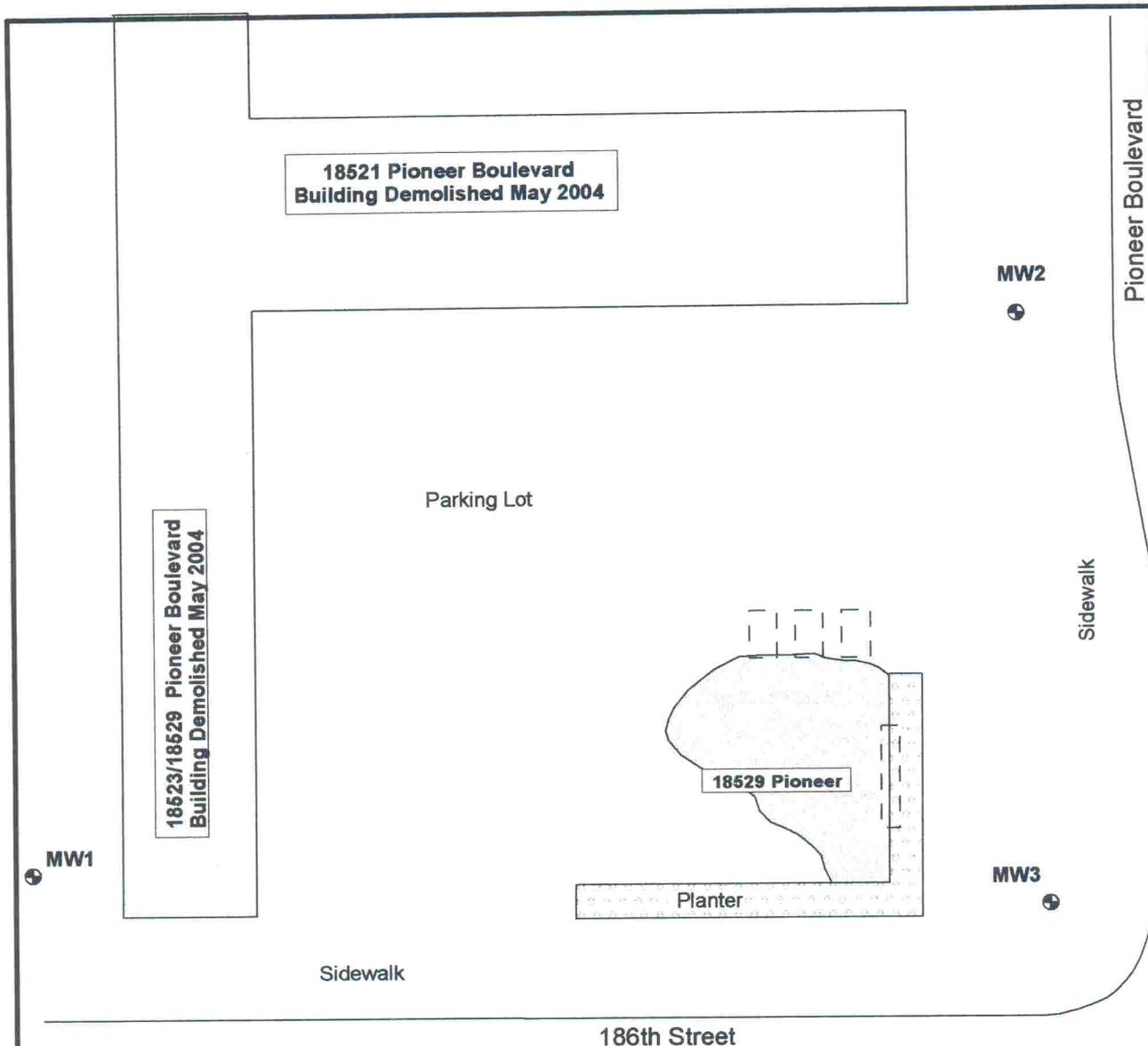
CONCLUSIONS AND RECOMMENDATIONS

On June 1, 2005, Targhee conducted quarterly groundwater monitoring at the former gasoline service station property addressed as 18529 Pioneer Boulevard, Artesia, California.

The groundwater samples were analyzed for TVPH, BTEX, and MTBE and other oxygenates. No detectable concentrations of these analytes were identified in the groundwater samples collected.

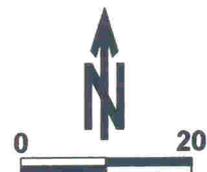
Based on the results of this investigation, Targhee recommends closure of the case. No additional soil borings or monitoring wells are recommended.

ATTACHMENT A



SYMBOLS

- MW1 Monitoring Well Location
- Approx. Location of Former USTs and Dispenser Island
- Excavation area
- Planter



TARGHEE, INC.

ENVIRONMENTAL CONSULTING

110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426
 (562) 435-8080 FAX (562) 590-8795

SITE PLOT PLAN

**FORMER GASOLINE SERVICE STATION
 (NWC of Pioneer and 186th Street at the Sidewalk)
 18529 PIONEER BOULEVARD, ARTESIA, CA 90701**

ATTACHMENT A

JUNE 2005

ATTACHMENT B

Well Sampling Data Log

Project:		18529 Pioneer Blvd Artesia, CA						
Date:	6/1/05	Well No.:	MW-1	Sampler:	CFR			
Total Depth:	24'	Date:	6/1/05	Time:				
DTW:	6.625	Date:	6/1/05	Time:	7:00			
Volume of Water In Well:	18	Feet:	3.16	Gallons:				
Well Purging Data								
Method:	low flow pump		Purge Volume:				Gallons:	18.0 gal
Start Time:	7:36		End Time:					
Parameters								
	Initial	First Volume	Second Volume	Third Volume	Fourth Volume	Fifth Volume		
Time	7:37	7:40	7:44	7:48	7:52	7:56		
Temp	70.3	72.0	72.4	72.4	72.5	72.4		
EC	2.85	2.83	2.83	2.84	2.83	2.84		
pH	6.84	6.88	6.91	6.93	6.95	6.95		
Turbidity					3.92			
Equipment Used (Circle as Appropriate)								
<input checked="" type="checkbox"/> LaMotte	<input checked="" type="checkbox"/> Hydac	<input checked="" type="checkbox"/> Keck						
Sample Collection Data								
		Time:		8:00				
Containers	Quantity			Pipe Dia	Gal/ft			
VOA	6			2"	2.067			
16oz Amber	1			3"	3.068			
32/oz, 1L. Amber				4"	4.026			
500ml poly	1			6"	6.065			
	8			8"	7.981			

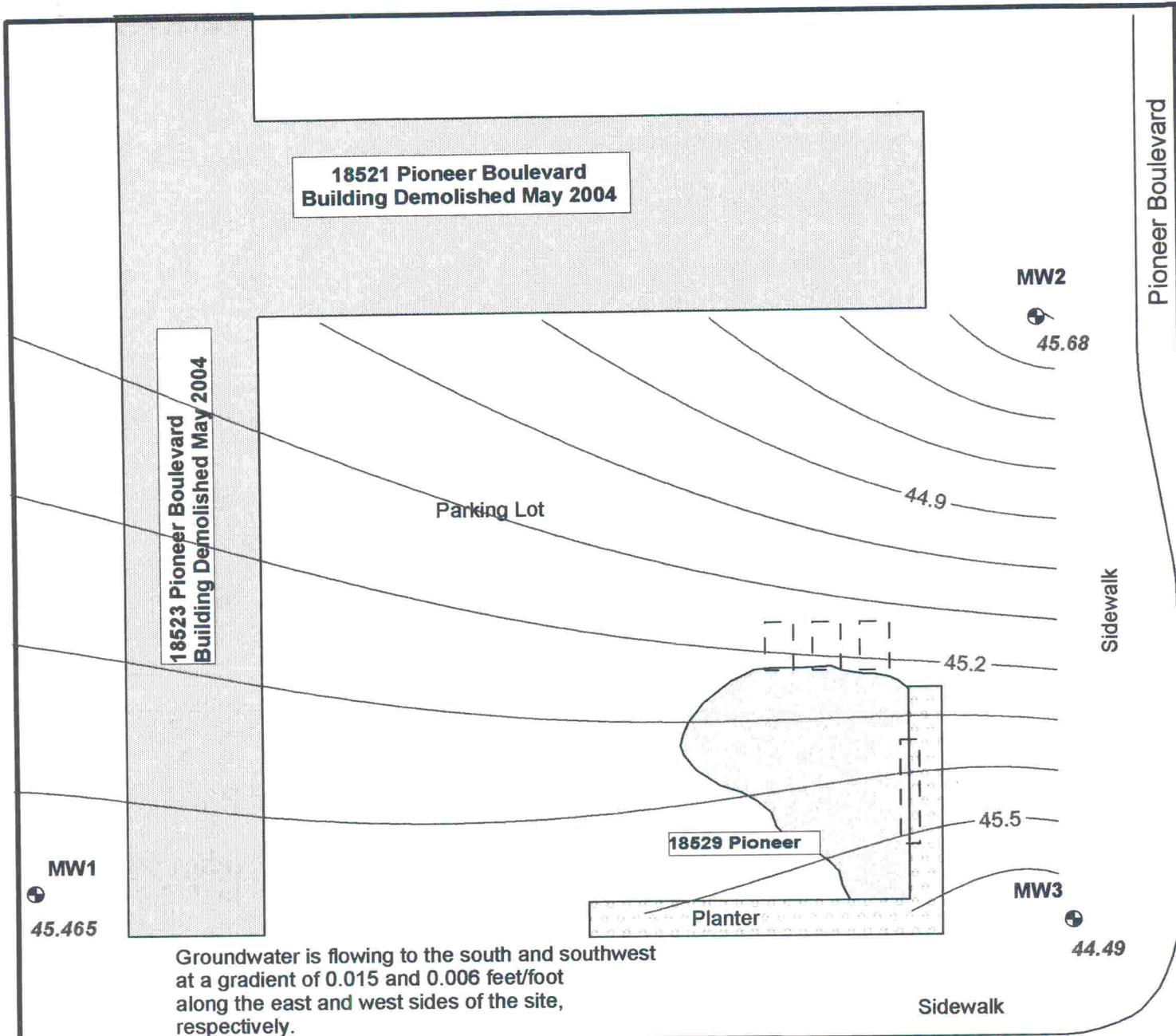
Well Sampling Data Log

Project:		18529 Pioneer Blvd, Artesia CA				
Date:	6/1/05	Well No.	mw-2		Sampler	CFE
Total Depth	24	Date			Time	
DTW	6.31	Date	6/01/05		Time	7:05
Volume of Water In Well		Feet	Gallons			
Well Purging Data						
Method	Low-flow		Purge Volume	18 gal		Gallons
Start Time			End Time			
Parameters						
	Initial	First Volume	Second Volume	Third Volume	Fourth Volume	Fifth Volume
Time	8:25	8:29	8:33	8:37	8:41	8:45
Temp	69.3	70.5	71.1	71.4	71.8	71.9
EC	1.90	1.84	1.84	1.82	1.83	1.83
pH	7.13	7.15	7.22	7.20	7.26	7.25
Turbidity				33.1		7.69
Equipment Used (Circle as Appropriate)						
<input checked="" type="checkbox"/> LaMotte	<input checked="" type="checkbox"/> Hydac	<input checked="" type="checkbox"/> Keck				
Sample Collection Data						
		Time:	8:50			
Containers	Quantity					
VOA	6					
16oz Amber	1					
32/oz, 1L. Amber		Pipe Dia	Gal/ft			
		2"	2.067			
		3"	3.068			
500 ml Poly	1	4"	4.026			
	8	6"	6.065			
		8"	7.981			

Well Sampling Data Log

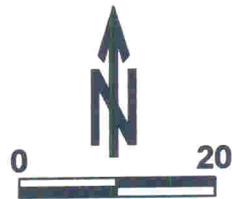
Project:		18529 Pioneer Blvd, Artesia, CA					
Date:	6/1/05	Well No.	MW-3			Sampler	CFL
Total Depth		Date		Time			
DTW	5.95'	Date	6/1/05			Time	7:10
Volume of Water In Well	13'	Feet		Gallons		0.17 gal per ft.	
Well Purging Data							
Method				Purge Volume	Gallons		
Start Time				End Time			
Parameters							
	Initial	First Volume	Second Volume	Third Volume	Fourth Volume	Fifth Volume	
Time	9:10	9:14	9:19	9:23	9:28	9:32	
Temp	69.9	71.4	72.7	72.9	73.5	73.6	
EC	1.76	1.75	1.76	1.76	1.75	1.76	
pH	7.15	7.11	7.09	7.05	7.09	7.08	
Turbidity				9.21		5.32	
Equipment Used (Circle as Appropriate)							
LaMotte	Hydac	Keck					
Sample Collection Data							
Containers	Quantity	Time: 9:45					
VOA	1				Pipe Dia	Gal/ft	
16oz Amber					2"	2.067	
32/oz, 1L. Amber					3"	3.068	
500 ml Poly	1				4"	4.026	
	8				6"	6.065	
					8"	7.981	

ATTACHMENT C



SYMBOLS

- MW1 Monitoring Well Location
- Approx. Location of Former USTs and Dispenser Island
- Former Planter
- Excavation area
- 42.79** Groundwater elevation in feet relative to mean sea level
- Groundwater contour in feet relative to mean sea level



**GROUNDWATER CONDITIONS
JUNE 2005**

**FORMER GASOLINE SERVICE STATION
(NWC of Pioneer and 186th Street at the Sidewalk)
18529 PIONEER BOULEVARD, ARTESIA, CA 90701**

ATTACHMENT C

AUGUST 8, 2005

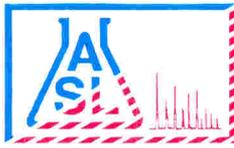


TARGHEE, INC.

ENVIRONMENTAL CONSULTING

110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426
(562) 435-8080 FAX (562) 590-8795

ATTACHMENT D



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

RECEIVED

JUN 13 2005

Ordered By

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

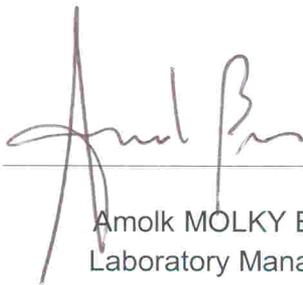
Number of Pages 14
Date Received 06/01/2005
Date Reported 06/10/2005

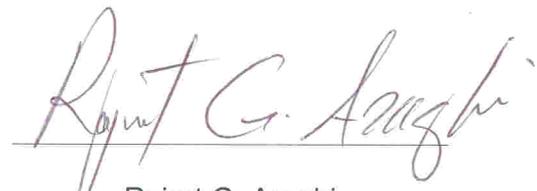
Telephone (562) 435-8080
Attn Debra Bechtold

Job Number	Ordered	Client
25841	06/01/2005	TARGHEE, INC

Project ID:
Project Name: 18529 Pioneer
Site: Artesia, CA

Enclosed are the results of analyses on 3 samples analyzed as specified on attached chain of custody.


Amolk MOLKY Brar
Laboratory Manager


Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
 110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080
 Attn: Debra Bechtold

Page: 2

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, TPH as Gas

Batch No: 060305-2A

Our Lab I.D.		150005	150006		
Sample ID		MW-1	MW-2		
Date Sampled		06/01/2005	06/01/2005		
Date Extracted		06/04/2005	06/04/2005		
Preparation Method					
Date Analyzed		06/04/2005	06/04/2005		
Matrix		Water	Water		
Units		ug/L	ug/L		
Detection Limit Multiplier		1	1		
Analytes	PQL	Results	Results		
TPH as Gasoline (C4-C12)	50	ND	ND		

Our Lab I.D.		150005	150006		
Surrogates	Con. Limit	% Rec.	% Rec.		
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	94	93		
Dibromofluoromethane	70-120	115	120		
Toluene-d8	70-120	95	95		

QUALITY CONTROL REPORT

Batch No: 060305-2A

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Benzene	89	96	7.6	75-120	15				
Chlorobenzene	102	102	<1	75-120	15				
1,1-Dichloroethene (1,1-Dichloroethylene)	91	97	6.4	75-120	15				
Toluene (Methyl benzene)	95	101	6.1	75-120	15				
Trichloroethene (TCE)	91	91	<1	75-120	15				



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
 110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080

Attn: Debra Bechtold

Page: 3

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, TPH as Gas

Batch No: 060605-1A

Our Lab I.D.		150007			
Sample ID		MW-3			
Date Sampled		06/01/2005			
Date Extracted		06/06/2005			
Preparation Method					
Date Analyzed		06/06/2005			
Matrix		Water			
Units		ug/L			
Detection Limit Multiplier		1			
Analytes	PQL	Results			
TPH as Gasoline (C4-C12)	50	ND			

Our Lab I.D.		150007			
Surrogates	Con.Limit	% Rec.			
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	99			
Dibromofluoromethane	70-120	103			
Toluene-d8	70-120	92			

QUALITY CONTROL REPORT

Batch No: 060605-1A

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Benzene	99	100	1.0	75-120	15				
Chlorobenzene	96	96	<1	75-120	15				
1,1-Dichloroethene (1,1-Dichloroethylene)	97	103	6.0	75-120	15				
Toluene (Methyl benzene)	104	105	<1	75-120	15				
Trichloroethene (TCE)	86	86	<1	75-120	15				



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080

Attn: Debra Bechtold

Page: 4

Project ID:

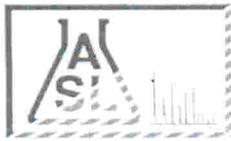
Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, Volatile Organic Compounds + Oxygenates

Batch No: 060305-2A

Our Lab I.D.		150005	150006		
Sample ID		MW-1	MW-2		
Date Sampled		06/01/2005	06/01/2005		
Date Extracted		06/04/2005	06/04/2005		
Preparation Method					
Date Analyzed		06/04/2005	06/04/2005		
Matrix		Water	Water		
Units		ug/L	ug/L		
Detection Limit Multiplier		1	1		
Analytes	PQL	Results	Results		
Acetone	5.000	ND	ND		
Benzene	1.000	ND	ND		
Bromobenzene (Phenyl bromide)	1.000	ND	ND		
Bromochloromethane (Chlorobromomethane)	1.000	ND	ND		
Bromodichloromethane (Dichlorobromomethane)	1.000	ND	ND		
Bromoform (Tribromomethane)	5.000	ND	ND		
Bromomethane (Methyl bromide)	3.000	ND	ND		
2-Butanone (MEK, Methyl ethyl ketone)	5.000	ND	ND		
n-Butylbenzene	1.000	ND	ND		
sec-Butylbenzene	1.000	ND	ND		
tert-Butylbenzene	1.000	ND	ND		
Carbon disulfide	1.000	ND	ND		
Carbon tetrachloride (Tetrachloromethane)	1.000	ND	ND		
Chlorobenzene	1.000	ND	ND		
Chloroethane	3.000	ND	ND		
2-Chloroethyl vinyl ether	5.000	ND	ND		
Chloroform (Trichloromethane)	1.000	ND	ND		
Chloromethane (Methyl chloride)	3.000	ND	ND		
4-Chlorotoluene (p-Chlorotoluene)	1.000	ND	ND		
2-Chlorotoluene (o-Chlorotoluene)	1.000	ND	ND		
DIPE	2.000	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	5.000	ND	ND		
Dibromochloromethane	1.000	ND	ND		
1,2-Dibromoethane (EDB, Ethylene dibromide)	1.000	ND	ND		
Dibromomethane	1.000	ND	ND		
1,2-Dichlorobenzene (o-Dichlorobenzene)	1.000	ND	ND		



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

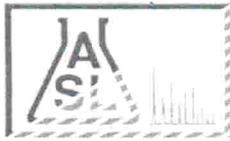
Page: 5
 Project ID:
 Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, Volatile Organic Compounds + Oxygenates

Batch No: 060305-2A

Our Lab I.D.		150005	150006			
Sample ID		MW-1	MW-2			
Date Sampled		06/01/2005	06/01/2005			
Analytes	PQL	Results	Results			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1.000	ND	ND			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1.000	ND	ND			
Dichlorodifluoromethane	3.000	ND	ND			
1,1-Dichloroethane	1.000	1.2	ND			
1,2-Dichloroethane	1.000	ND	ND			
1,1-Dichloroethene (1,1-Dichloroethylene)	1.000	3.3	ND			
cis-1,2-Dichloroethene	1.000	ND	ND			
trans-1,2-Dichloroethene	1.000	ND	ND			
1,2-Dichloropropane	1.000	ND	ND			
1,3-Dichloropropane	1.000	ND	ND			
2,2-Dichloropropane	1.000	ND	ND			
1,1-Dichloropropene	1.000	ND	ND			
trans-1,3-Dichloropropene	1.000	ND	ND			
cis-1,3-Dichloropropene	1.000	ND	ND			
ETBE	2.000	ND	ND			
Ethylbenzene	1.000	ND	ND			
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	3.000	ND	ND			
2-Hexanone	5.000	ND	ND			
Isopropylbenzene	1.000	ND	ND			
p-Isopropyltoluene (4-Isopropyltoluene)	1.000	ND	ND			
MTBE	2.000	ND	ND			
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	5.00	ND	ND			
Methylene chloride (Dichloromethane, DCM)	1.00	ND	ND			
Naphthalene	1.000	ND	ND			
n-Propylbenzene	1.000	ND	ND			
TAME	2.000	ND	ND			
Styrene	1.000	ND	ND			
TBA	10.00	ND	ND			
1,1,1,2-Tetrachloroethane	1.000	ND	ND			
1,1,2,2-Tetrachloroethane	1.000	ND	ND			
Tetrachloroethene (Tetrachloroethylene)	1.000	ND	ND			
Toluene (Methyl benzene)	1.000	ND	ND			
1,2,3-Trichlorobenzene	1.000	ND	ND			
1,2,4-Trichlorobenzene	1.000	ND	ND			
1,1,1-Trichloroethane	1.000	ND	ND			
1,1,2-Trichloroethane	1.000	ND	ND			
Trichloroethene (TCE)	1.000	ND	ND			
Trichlorofluoromethane	1.000	ND	ND			
1,2,3-Trichloropropane	1.000	ND	ND			
1,2,4-Trimethylbenzene	1.000	ND	ND			
1,3,5-Trimethylbenzene	1.000	ND	ND			



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page: 6
 Project ID:
 Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, Volatile Organic Compounds + Oxygenates

Batch No: 060305-2A

Our Lab I.D.		150005	150006		
Sample ID		MW-1	MW-2		
Date Sampled		06/01/2005	06/01/2005		
Analytes	PQL	Results	Results		
Vinyl acetate	5.00	ND	ND		
Vinyl chloride (Chloroethene)	3.000	ND	ND		
o-Xylene	1.000	ND	ND		
m- & p-Xylenes	2.000	ND	ND		

Our Lab I.D.		150005	150006		
Surrogates	Con.Limit	% Rec.	% Rec.		
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	94	93		
Dibromofluoromethane	70-120	115	120		
Toluene-d8	70-120	95	95		

QUALITY CONTROL REPORT

Batch No: 060305-2A

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Benzene	81	96	16.9	75-120	15				
Chlorobenzene	102	102	<1	75-120	15				
1,1-Dichloroethene (1,1-Dichloroethylene)	91	97	6.4	75-120	15				
MTBE	112	103	8.4	75-120	15				
Toluene (Methyl benzene)	95	101	6.1	75-120	15				
Trichloroethene (TCE)	91	91	<1	75-120	15				



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
 110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080

Attn: Debra Bechtold

Page: 7

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, Volatile Organic Compounds + Oxygenates

Batch No: 060605-1A

Our Lab I.D.		150007			
Sample ID		MW-3			
Date Sampled		06/01/2005			
Date Extracted		06/06/2005			
Preparation Method					
Date Analyzed		06/06/2005			
Matrix		Water			
Units		ug/L			
Detection Limit Multiplier		1			
Analytes	PQL	Results			
Acetone	5.00	ND			
Benzene	1.000	ND			
Bromobenzene (Phenyl bromide)	1.000	ND			
Bromochloromethane (Chlorobromomethane)	1.000	ND			
Bromodichloromethane (Dichlorobromomethane)	1.000	ND			
Bromoform (Tribromomethane)	5.000	ND			
Bromomethane (Methyl bromide)	3.000	ND			
2-Butanone (MEK, Methyl ethyl ketone)	5.00	ND			
n-Butylbenzene	1.000	ND			
sec-Butylbenzene	1.000	ND			
tert-Butylbenzene	1.000	ND			
Carbon disulfide	1.000	ND			
Carbon tetrachloride (Tetrachloromethane)	1.000	ND			
Chlorobenzene	1.000	ND			
Chloroethane	3.000	ND			
2-Chloroethyl vinyl ether	5.000	ND			
Chloroform (Trichloromethane)	1.000	ND			
Chloromethane (Methyl chloride)	3.000	ND			
4-Chlorotoluene (p-Chlorotoluene)	1.000	ND			
2-Chlorotoluene (o-Chlorotoluene)	1.000	ND			
DIPE	2.000	ND			
1,2-Dibromo-3-chloropropane (DBCP)	5.000	ND			
Dibromochloromethane	1.000	ND			
1,2-Dibromoethane (EDB, Ethylene dibromide)	1.000	ND			
Dibromomethane	1.000	ND			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1.000	ND			



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

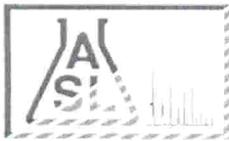
Page: 8
 Project ID:
 Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, Volatile Organic Compounds + Oxygenates

Batch No: 060605-1A

Our Lab I.D.		150007			
Sample ID		MW-3			
Date Sampled		06/01/2005			
Analytes	PQL	Results			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1.000	ND			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1.000	ND			
Dichlorodifluoromethane	3.000	ND			
1,1-Dichloroethane	1.000	ND			
1,2-Dichloroethane	1.000	ND			
1,1-Dichloroethene (1,1-Dichloroethylene)	1.000	ND			
cis-1,2-Dichloroethene	1.000	ND			
trans-1,2-Dichloroethene	1.000	ND			
1,2-Dichloropropane	1.000	ND			
1,3-Dichloropropane	1.000	ND			
2,2-Dichloropropane	1.000	ND			
1,1-Dichloropropene	1.000	ND			
trans-1,3-Dichloropropene	1.000	ND			
cis-1,3-Dichloropropene	1.000	ND			
ETBE	2.000	ND			
Ethylbenzene	1.000	ND			
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	3.000	ND			
2-Hexanone	5.000	ND			
Isopropylbenzene	1.000	ND			
p-Isopropyltoluene (4-Isopropyltoluene)	1.000	ND			
MTBE	2.000	ND			
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	5.00	ND			
Methylene chloride (Dichloromethane, DCM)	1.00	ND			
Naphthalene	1.000	ND			
n-Propylbenzene	1.000	ND			
TAME	2.000	ND			
Styrene	1.000	ND			
TBA	10.00	ND			
1,1,1,2-Tetrachloroethane	1.000	ND			
1,1,2,2-Tetrachloroethane	1.000	ND			
Tetrachloroethene (Tetrachloroethylene)	1.000	ND			
Toluene (Methyl benzene)	1.000	ND			
1,2,3-Trichlorobenzene	1.000	ND			
1,2,4-Trichlorobenzene	1.000	ND			
1,1,1-Trichloroethane	1.000	ND			
1,1,2-Trichloroethane	1.000	ND			
Trichloroethene (TCE)	1.000	ND			
Trichlorofluoromethane	1.000	ND			
1,2,3-Trichloropropane	1.000	ND			
1,2,4-Trimethylbenzene	1.000	ND			
1,3,5-Trimethylbenzene	1.000	ND			



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page: 9
 Project ID:
 Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 8260B, Volatile Organic Compounds + Oxygenates

Batch No: 060605-1A

Our Lab I.D.		150007			
Sample ID		MW-3			
Date Sampled		06/01/2005			
Analytes	PQL	Results			
Vinyl acetate	5.00	ND			
Vinyl chloride (Chloroethene)	3.000	ND			
o-Xylene	1.000	ND			
m- & p-Xylenes	2.000	ND			

Our Lab I.D.		150007			
Surrogates	Con.Limit	% Rec.			
Surrogate Percent Recovery					
Bromofluorobenzene	70-120	99			
Dibromofluoromethane	70-120	103			
Toluene-d8	70-120	92			

QUALITY CONTROL REPORT

Batch No: 060605-1A

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit				
Benzene	99	100	1.0	75-120	15				
Chlorobenzene	96	96	<1	75-120	15				
1,1-Dichloroethene (1,1-Dichloroethylene)	97	103	6.0	75-120	15				
MTBE	107	100	6.8	75-120	15				
Toluene (Methyl benzene)	104	105	<1	75-120	15				
Trichloroethene (TCE)	86	86	<1	75-120	15				



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Site

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

Artesia, CA

Telephone: (562)435-8080

Attn: Debra Bechtold

Page: 10

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: RSKSOP-175, Dissolved Gases

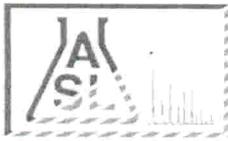
Batch No:

Our Lab I.D.		150005	150006	150007		
Sample ID		MW-1	MW-2	MW-3		
Date Sampled		06/01/2005	06/01/2005	06/01/2005		
Date Extracted		06/02/2005	06/02/2005	06/02/2005		
Preparation Method						
Date Analyzed		06/02/2005	06/02/2005	06/02/2005		
Matrix		Water	Water	Water		
Units		ug/L	ug/L	ug/L		
Detection Limit Multiplier		1	1	1		
Analytes	PQL	Results	Results	Results		
Carbon Dioxide	20	187,000	129,000	182,000		
Methane	1	ND	ND	ND		

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
Carbon Dioxide	112	118	5.2	70-130	<30				
Methane	90	89	1.1	70-130	<30				



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
 110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080

Attn: Debra Bechtold

Page: 11

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 300, Anions by Ion Chromatography

Batch No:

Our Lab I.D.		150005	150006	150007		
Sample ID		MW-1	MW-2	MW-3		
Date Sampled		06/01/2005	06/01/2005	06/01/2005		
Date Extracted		06/03/2005	06/03/2005	06/03/2005		
Preparation Method						
Date Analyzed		06/03/2005	06/03/2005	06/03/2005		
Matrix		Water	Water	Water		
Units		mg/L	mg/L	mg/L		
Detection Limit Multiplier		1	1	1		
Analytes	PQL	Results	Results	Results		
Conventionals						
Nitrate as N	0.100	9.56	48.0	18.7		
Sulfate	1.00	535	250	280		

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit							
Conventionals									
Nitrate as N	99	80-120							
Sulfate	91	80-120							



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
 110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080

Attn: Debra Bechtold

Page: 12

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: 360.1, Oxygen, Dissolved

Batch No:

Our Lab I.D.		150005	150006	150007		
Sample ID		MW-1	MW-2	MW-3		
Date Sampled		06/01/2005	06/01/2005	06/01/2005		
Date Extracted		06/02/2005	06/02/2005	06/02/2005		
Preparation Method						
Date Analyzed		06/02/2005	06/02/2005	06/02/2005		
Matrix		Water	Water	Water		
Units		ppm	ppm	ppm		
Detection Limit Multiplier		1	1	1		
Analytes	PQL	Results	Results	Results		
Conventionals						
Oxygen, Dissolved	0.10	1.19	1.10	1.19		

QUALITY CONTROL REPORT

Batch No:

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit					
Conventionals									
Oxygen, Dissolved	1.19	1.22	2.5	20					



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
 110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080

Attn: Debra Bechtold

Page: 13

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: SM2580B, Oxidation-Reduction Potential

Batch No:

Our Lab I.D.		150005	150006	150007		
Sample ID		MW-1	MW-2	MW-3		
Date Sampled		06/01/2005	06/01/2005	06/01/2005		
Date Extracted		06/02/2005	06/02/2005	06/02/2005		
Preparation Method						
Date Analyzed		06/02/2005	06/02/2005	06/02/2005		
Matrix		Water	Water	Water		
Units		mv	mv	mv		
Detection Limit Multiplier		1	1	1		
Analytes	PQL	Results	Results	Results		
Oxidation-Reduction Potential(ORP)	-500	84.2	101	95.9		

QUALITY CONTROL REPORT

Batch No:

Analytes	LCS % REC	LCS/LCSD % Limit							
Oxidation-Reduction Potential(ORP)	103	80-120							



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Targhee, Inc.
 110 Pine Avenue, Suite 925
 Long Beach, CA 90802-4426

Site

Artesia, CA

Telephone: (562)435-8080
 Attn: Debra Bechtold

Page: 14

Project ID:

Project Name: 18529 Pioneer

Job Number	Order Date	Client
25841	06/01/2005	TARGHE

Method: SM3500-FE-D, Ferrous Iron (Phenanthroline Method)

Batch No:

Our Lab I.D.		150005	150006	150007		
Sample ID		MW-1	MW-2	MW-3		
Date Sampled		06/01/2005	06/01/2005	06/01/2005		
Date Extracted		06/02/2005	06/02/2005	06/02/2005		
Preparation Method						
Date Analyzed		06/02/2005	06/02/2005	06/02/2005		
Matrix		Water	Water	Water		
Units		mg/L	mg/L	mg/L		
Detection Limit Multiplier		1	1	1		
Analytes	PQL	Results	Results	Results		
Conventionals						
Ferrous Iron	0.10	ND	ND	ND		

QUALITY CONTROL REPORT

Batch No:

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit					
Conventionals									
Ferrous Iron	ND	ND	<1	<20					

ATTACHMENT E

Please print or type.
(Form designed for use on allie (12-pitch) typewriter.)

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

20051091

3. Generator's Name and Mailing Address

Circe Properties
18529 Pioneer Blvd, Artesia CA 90701

4. Generator's Phone (62) 435-8080

5. Transporter 1 Company Name

K-VAC Environmental Services, Inc.

6. US EPA ID Number

A. Transporter's Phone

909-476-2308

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

K-Pure Waterworks, Inc
8910 Rochester Avenue
Rancho Cucamonga CA 91730

10. US EPA ID Number

C. Facility's Phone

909-476-9492

11. Waste Shipping Name and Description

a. Non-Hazardous Waste, liquid

b.

c.

d.

12. Containers
No. Type

13. Total Quantity

14. Unit Wt/Vol

001 DM . . . 6

D. Additional Descriptions for Materials Listed Above

11a) Profile #50945 (Ground Water) W/O #20051091 6/1/05

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Wear appropriate protective clothing
24-hour emergency contact phone number: (909) 476-2308

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CHARLES LINDEMAN

Signature

[Signature]

Month Day Year

6 1 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Fred K. Miller

Signature

[Signature]

Month Day Year

6 1 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

. . .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

. . .

GENERATOR

TRANSPORTER

FACILITY

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

20051091

3. Generator's Name and Mailing Address

Circe Properties
18529 Pioneer Blvd, Artesia CA 90701

Not included 8/8/05
to Duarte or Choshung

4. Generator's Phone

562 435-8080

5. Transporter 1 Company Name

K-VAC Environmental Services, Inc.

6. US EPA ID Number

A. Transporter's Phone

909-476-2308

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

K-Pure Waterworks, Inc.
8910 Rochester Avenue
Rancho Cucamonga CA 91730

10. US EPA ID Number

C. Facility's Phone

909-476-9492

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total Quantity

14. Unit Wt/Vol

a. Non-Hazardous Waste, liquid

001 DM .55 G

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

11a) Profile #50945 (Ground Water) W/O #20051091 6/1/05

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Wear appropriate protective clothing
24-hour emergency contact phone number: (909) 476-2308

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CHARLES LINDEMANN

Signature

[Signature]

Month Day Year

6 1 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Fred Kiefer

Signature

[Signature]

Month Day Year

6 1 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Max Everette

Signature

[Signature]

Month Day Year

6 02 05

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1